



ENTERED

PCT

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/089,783

DATE: 04/29/2002

TIME: 12:02:48

Input Set : A:\seqlist.txt

Output Set: N:\CRF3\04292002\J089783.raw

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5   CASSERT, Jean-Pol
6   GAULIS, Swann Romain Jean-Thomas
7   VINALS Y DE BASSOLS Carlotta
9 <120> TITLE OF INVENTION: Human Tumor-Associated LAK-4P Related
10  Polynucleotides and Polypeptides and Their Uses
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C--> 15 <141> CURRENT FILING DATE: 2002-04-01
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37 caagccaggc ctgtgcagcc ccaaaaccag tgcttggtta accactgtgt ggtgaccaca      240
38 ccgctccagg ccaacagctt ggggctaagt cttcacgttg cctttcacca ttaaataata      300
39 gggctgccct ttgttgaagc cctgcactcc cagtgaaggc cataataacc ttcagggtgt      360
40 ctgctttctg ccttctctag catggccaag tatttcgga acaacttcat taatccccac      420
41 atttactcgg gagggatcac caagctgac ttttgctggg acttcaactgt cactcatgaa      480
42 aaagctgtga agctaaaaca gaagaatctt agcactgaga taaggagaga cctgtcagag      540
43 ctccgtcagg agaattccaa gttgacgttc aatcagctgc tgaccgcgtt ctctgcctac      600
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53 atccaaatga ttatgctttt catcatgttc tactccaaaa atatcagcct gatgatgaat      1200
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90 35 40 45
91 Glu Asn Leu Ser Glu Leu Arg Gln Glu Asn Ser Lys Leu Thr Phe Asn
92 50 55 60
93 Gln Leu Leu Thr Arg Phe Ser Ala Tyr Met Val Ala Trp Val Val Ser
94 65 70 75 80
95 Thr Gly Val Ala Ile Ala Cys Cys Ala Ala Val Tyr Tyr Leu Ala Glu
96 85 90 95
97 Tyr Asn Leu Glu Phe Leu Lys Thr His Ser Asn Pro Gly Ala Val Leu
98 100 105 110
99 Leu Leu Pro Phe Val Val Ser Cys Ile Asn Leu Ala Val Pro Cys Ile
100 115 120 125
101 Tyr Ser Met Phe Arg Leu Val Glu Arg Tyr Glu Met Pro Arg His Glu
102 130 135 140
103 Val Tyr Val Leu Leu Ile Arg Asn Ile Phe Leu Lys Ile Ser Ile Ile
104 145 150 155 160
105 Gly Ile Leu Cys Tyr Tyr Trp Leu Asn Thr Val Ala Leu Ser Gly Glu
106 165 170 175

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110      195      200      205
111 Arg Arg Ile Ile Gly Met Gln Leu Ile Thr Ser Leu Gly Leu Gln Glu
112      210      215      220
113 Phe Asp Ile Ala Arg Asn Val Leu Glu Leu Ile Tyr Ala Gln Thr Leu
114 225      230      235      240
115 Val Trp Ile Gly Ile Phe Phe Cys Pro Leu Leu Pro Phe Ile Gln Met
116      245      250      255
117 Ile Met Leu Phe Ile Met Phe Tyr Ser Lys Asn Ile Ser Leu Met Met
118      260      265      270
119 Asn Phe Gln Pro Pro Ser Lys Ala Trp Arg Ala Ser Gln Met Met Thr
120      275      280      285
121 Phe Phe Ile Phe Leu Leu Phe Phe Pro Ser Phe Thr Gly Val Leu Cys
122      290      295      300
123 Thr Leu Ala Ile Thr Ile Trp Arg Leu Lys Pro Ser Ala Asp Cys Gly
124 305      310      315      320
125 Pro Phe Arg Gly Leu Pro Leu Phe Ile His Ser Ile Tyr Ser Trp Ile
126      325      330      335
127 Asp Thr Leu Ser Thr Arg Pro Gly Tyr Leu Trp Val Val Trp Ile Tyr
128      340      345      350
129 Arg Asn Leu Ile Gly Ser Val His Phe Phe Phe Ile Leu Thr Leu Ile
130      355      360      365
131 Val Leu Ile Ile Thr Tyr Leu Tyr Trp Gln Ile Thr Glu Gly Arg Lys
132      370      375      380
133 Ile Met Ile Arg Leu Leu His Glu Gln Ile Ile Asn Glu Gly Lys Asp
134 385      390      395      400
135 Lys Met Phe Leu Ile Glu Lys Leu Ile Lys Leu Gln Asp Met Glu Lys
136      405      410      415
137 Lys Ala Asn Pro Ser Ser Leu Val Leu Glu Arg Arg Glu Val Glu Gln
138      420      425      430
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157 ccgctccagg ccaacagctt ggggctaagt cttcacgttg cctttcacca ttaaataata      300
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162 ctccgtcagg agaattccaa gttgacgttc aatcagctgc tgaccgctt ctctgcctac 600
163 atggtagcct gggttgtctc tacaggagtg gccatagcct gctgtgcagc cgtttattac 660
164 ctggctgagt acaacttaga gttcctgaag acacacagta accctggggc ggtgctgtta 720
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203 &lt;223&gt; OTHER INFORMATION: primer

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209 20 25 30

210 Glu Lys Ala Val Lys Leu Lys Gln Lys Asn Leu Ser Thr Glu Ile Arg

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215 65          70          75          80
216 Thr Gly Val Ala Ile Ala Cys Cys Ala Ala Val Tyr Tyr Leu Ala Glu
217          85          90          95
218 Tyr Asn Leu Glu Phe Leu Lys Thr His Ser Asn Pro Gly Ala Val Leu
219          100          105          110
220 Leu Leu Pro Phe Val Val Ser Cys Ile Leu Ala Val Pro Cys Ile Tyr
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L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date